



Attorney's Docket No.: 5214P001RD3

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Technology Center 2100

69/2166  
Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kuriacose Joseph, et al.

Application No.: 09/903,457

Filing Date: July 10, 2001

For: APPARATUS FOR TRANSMITTING  
AND RECEIVING EXECUTABLE  
APPLICATIONS AS FOR A  
MULTIMEDIA SYSTEM, AND SYSTEM  
TO ORDER AN ITEM USING A  
DISTRIBUTED COMPUTING SYSTEM

Examiner: Kalinowski, A.

Art Group: 2166

Assistant Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

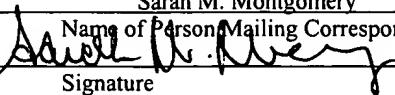
Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

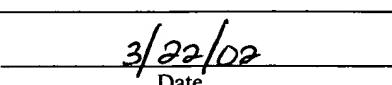
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on March 22, 2002

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Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

- 37 C.F.R. §1.97(b).
- 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:
- A statement pursuant to 37 C.F.R. §1.97(e) or
- A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).
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- (2) A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 03/24/2002

  
André L. Marais  
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PTO/SB/08A (10-01)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

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of

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**Complete if Known**

Application Number	09/903,457
Filing Date	07/10/2001
First Named Inventor	Kuriacose Joseph
Art Unit	2166
Examiner Name	Kalinowski, A.

Attorney Docket Number 5214P001RD3

**U.S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US- 3,803,491	04.09.1974	Osborn	
	2	US- 3,891,792	06.24.1975	Kimura	
	3	US- 4,264,925	04.28.1981	Freeman et al.	
	4	US- 4,323,922	04.06.1982	den Toonder et al.	
	5	US- 4,528,589	07.09.1985	Block et al.	
	6	US- 4,724,521	02.09.1988	Carson et al.	
	7	US- 4,851,994	07.25.1989	Toda et al.	
	8	US- 4,935,870	06.19.1990	Burk, Jr. et al.	
	9	US- 4,937,784	06.26.1990	Masai et al.	
	10	US- 4,965,825	10.23.1990	Harvey et al.	
	11	US- 4,991,011	02.05.1991	Johnson et al.	
	12	US- 5,003,591	03.26.1991	Kaufman et al.	
	13	US- 5,036,314	07.30.1991	Barillari et al.	
	14	US- 5,129,080	07.07.1992	Smith	
	15	US- 5,132,992	07.21.1992	Yurt et al.	
	16	US- 5,191,410	03.02.1993	McCalley et al.	
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	20	US- 5,233,654	08.03.1993	Harvey et al.	

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**FOREIGN PATENT DOCUMENTS**

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	21	EP 0 145 063 A2	06.19.1985	International Standard Electric Corporation		
	22	EP 0 145 063 B1	06.19.1985	International Standard Electric Corporation		
	23	EP 0 570 683 A2	11.24.1993	International Business Machines Corporation		
	24	EP 0 570 683 A3	11.24.1993	International Business Machines Corporation		
	25	EP 0 583 186 B1	02.16.1994	Queniat, Jean-François		
	26	EP 0 399 300 A2	11.28.1990	Hitachi, LTD.		
	27					
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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**Complete if Known**

<b>Application Number</b>	09/903,457
<b>Filing Date</b>	07/10/2001
<b>First Named Inventor</b>	Kuriacose Joseph
<b>Group Art Unit</b>	2166
<b>Examiner Name</b>	Kalinowski, A.

Attorney Docket Number 5214P001RD3

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	31	Green N, Hedger J, "ORACLE on Independent Television" Sept. 1976.
	32	Hedger, J, "Broadcast Telesoftware: Experience with ORACLE" Online conferences Ltd., 1980.
	33	Ammar M H, Wong JW, "The Design of Teletext Broadcast Cycles" Elsevier Science Publishers B.V., 1985 (Received May 13, 1984). [Wong's group, Dept of Computer Science, University of Waterloo, Ontario, Canada]
	34	Gifford D K, Lucassen J M, Berlin S T, "The Application of Digital Broadcast Communication to Large Scale Information Systems" IEEE Journal on Selected Areas in Communications, Vol. SAC-3, No. 3, May 1985 (received Sept. 19, 1984). [MIT lab, Gifford's group]
	35	Wong J W, "Broadcast Delivery" Proceedings of IEEE, Vol. 76, No. 12, Dec 1988 (Received April 15 1988).
	36	Herman G, Gopal G, Lee K C, Weinrib A, "The Datacycle Architecture for Very High Throughput Database Systems" Proceedings of Association for Computing Machinery Special Interest Group on Management of Data, 1987 Annual Conference, San Francisco, May 27-29, 1987. [Bell Lab, Herman & Gopal's group, Bell Communications Research, Inc., Morristown, NJ.]
	37	Gifford D K, "Polychannel Systems for Mass Digital Communication" Communications of ACM, Vol. 33, Number 2, Feb. 1990. [MIT lab, Gifford's group]
	38	Bowen T F, Goapl G, Herman G, Hickey T, Lee K C, Mansfield W H, Raitz J, Weinrib A, "The Datacycle Architecture" Communications of the ACM, Vol. 35, No. 12, Dec. 1992.
	39	Antonelli C J, Honeyman P, "Integrating Mass Storage and File Systems", Proceedings, Twelfth IEEE Symposium on Mass Storage Systems, April 26-29, 1993, Monterey, CA.
	40	Zdonik S, "Are "Disks in the Air" Just Pie in the Sky?" IEEE, Workshop on Mobile Computing Systems and Applications, Santa Cruz, CA, Dec. 1994. [Brown's lab, Zdonik's Group, Dept. of Computer Science, Brown Univ., affiliated with Dept. of Computer Science, University of Maryland]
	41	Acharya S, Alonso R, Franklin M, Zdonik S, "Broadcast Disk: Data Management for Asymmetric Communication Environments" Proceedings of the ACM SIGMOD International conference on Management of Data, San Jose, CA May 1995 (first published in Brown University Technical Report CS-94-43, October 1994).

Examiner  
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Sheet **3** of **5**

### Complete if Known

Application Number	09/903,457
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First Named Inventor	Kuriacose Joseph
Art Unit	2166
Examiner Name	Kalinowski, A.

Attorney Docket Number **5214P001RD3**

### U.S. PATENT DOCUMENTS

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	1	US- 5,343,239	08.30.1994	Lappington et al.	
	2	US- 5,440,744	08.08.1995	Jacobson et al.	
	3	US- 5,539,449	07.23.1996	Blahut et al.	
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	7	US- 5,729,549	03.17.1998	Kostreski et al.	
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	10	US- 5,805,825	09.08.1998	Danneels et al.	
	11	US- 5,822,324	10.13.1998	Kostresti et al.	
	12	US- 5,826,166	10.20.1998	Brooks et al.	
	13	US- 5,951,639	09.14.1999	MacInnis	
	14	US- 5,973,684	10.26.1999	Brooks et al.	
	15	US- 5,978,855	11.02.1999	Metz et al.	
	16	US- 6,130,898	10.10.2000	Kostreski et al.	
	17	US- 6,185,585 B1	02.06.2001	Sequeira	
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	20	US- 4,163,255	07-31-1979	Pires	

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<b>Examiner Name</b>	Kalinowski, A.
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**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

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	31	Acharya S, Alonso R, Franklin M, Zdonik S, "Dissemination-based Data Delivery Using Broadcast Disks" IEEE Personal Communications, Vol. 2(6), 50-60, 1995.	
	32	Imielinski T, Viswanathan S, Badrinath B R, "Power Efficient Filtering of Data on Air" Advances in Database Technology - EDBT '94, Proceedings, 4th International conference on Extending Database Technology, Cambridge, United Kingdom, March 28-31, 1994. [Rutger's group, Imielinski's lab, Dept. of Computer Science, Rutgers University]	
	33	Imielinski T, Viswanathan S, Badrinath B R, "Energy Efficient Indexing on Air" Proceedings of the 1994 ACM SIGMOD, International Conference on Management of Data, Minneapolis, Minnesota, May 24-27, 1994.	
	34	Imieliski T, Badrinath B R, "Mobile Wireless Computing" Communications of the ACM, Vol. 37, No. 10, October 1994.	
	35	Dr. Hisham El-Shishiny, et al., "A Regional Broadcast-Centric Education System", IEEE Symposium on Computers and Communications, Alexandria, Egypt, July 1-3, 1997.	
	36	Anonymous, "Internet Gets Shopping Mall", Information & Interactive Services Report, April 22, 1994, Vol. 15, No. 8, 1 page.	
	37	Brody, Herb, "Information Highway: Technology Review, Aug/Sep 1993, Vol. 96, No. 6, page 30.	
	38	Rice, Dale, "Centralization, Standardization Are "Way to Go", American Banker, March 9, 1987, Vol. 152, No. 46, page 11.	
	39	Poole et al., "Cable TV Plugs Into Internet", Unix World, November 1993, Vol. X, No. 11, page 16.	
	40	Yamada, Ken, "Hewlett Devises Way for Palm-Top PC to be linked to "Interactive" Television", Wall Street Journal, October 7, 1992, page B3.	
	41	Zachary, G Pascal, "Technology: HP is Building Gadget to Make TVs Interactive", Wall Street Journal, February 27, 1992, page B1.	

Examiner Signature	Date Considered
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	1	US- 4,789,895	12-06-1988	Mustafa et al.	
	2	US- 5,418,559	05-23-1995	Blahut	
	3	US- 5,485,197	01-16-1996	Hoarty	
	4	US- 4,965,825	10-23-1990	Harvey et al.	
	5	US- 5,936,659	08-10-1999	Viswanathan et al.	
	6	US- 6,240,448 B1	05-29-2001	Imielinski et al.	
	7	US- 5,706,435	01-06-1998	Barbará et al.	
	8	US- 5,168,356	12-01-1992	Acampora et al.	
	9	US- 5,581,704	12-03-1996	Barbará et al.	
	10	US- 5,621,456	04-15-1997	Florin et al.	
	11	US- 5,848,399	12-08-1998	Burke	
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